

FECN19 CWIS 141800

THIRTY-DAY ICE OUTLOOK FOR THE GREAT LAKES ISSUED BY ENVIRONMENT CANADA ON 14 JANUARY 2022 FOR MID-JANUARY TO MID-FEBRUARY. THE NEXT SCHEDULED BULLETIN WILL BE ISSUED ON 1 FEBRUARY 2022.

Lake Superior

Average air temperatures for mid-December to mid-January were near normal for Lake Superior. Temperatures are expected to be below normal for mid-January to mid-February.

Thunder Bay.

January 15-18:

- 9-9+ tenths thin and medium lake ice.

January 19-31:

- Consolidated medium lake ice.

February 1-15:

- Consolidated thick lake ice.

Nipigon and Black Bays.

January 15-19:

- Consolidated medium and thick lake ice.

January 20-February 15:

- Consolidated thick lake ice.

From Grand Marais Minnesota to the entrance to Nipigon Bay.

January 15-19:

- Open water except 4-6 tenths new and thin lake ice along the shore from Thunder Bay to Nipigon Bay.

January 20-25:

- Open water except 7-8 tenths new and thin lake ice along the shore from Thunder Bay to Nipigon Bay and extending out to Isle Royale.

January 26-31:

- 4-6 tenths new and thin lake ice except 7-8 tenths new and thin lake ice along the shore from Thunder Bay to Nipigon Bay and extending out to Isle Royale.

February 1-7:

- 7-8 tenths new and thin lake ice except 7-8 tenths thin and medium lake ice along the shore from Thunder Bay to Nipigon Bay and extending out to Isle Royale.

February 8-15:

- 7-8 tenths thin and medium lake ice.

From Grand Marais to Duluth.

January 15-31:

- Open water except 9-9+ tenths thin and medium lake ice near Duluth.

February 1-7:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the western section. Consolidated medium lake ice near Duluth.

February 8-15:

- 7-8 tenths thin and medium lake ice except 9-9+ tenths thin and medium lake ice in the western section. Consolidated medium lake ice near Duluth

Southern Lake Superior west of Keweenaw Peninsula.

January 15-19:

- 7-8 tenths new and thin lake ice along parts of the shore and near the Apostle Islands. Consolidated medium and thick lake ice in Chequamegon Bay.

January 20-25:

- 7-8 tenths new and thin lake ice along the shore except consolidated medium lake ice in the Apostle Islands. Consolidated thick lake ice in Chequamegon bay.

January 26-February 4:

- 9-9+ tenths thin and medium lake ice along the shore except consolidated medium lake ice in the Apostle Islands. Consolidated thick lake ice in Chequamegon Bay.

February 5-15:

- 9-9+ tenths thin and medium lake ice along the shore. Consolidated thick lake ice in the Apostle Islands and Chequamegon Bay.

Southern Lake Superior east of the Keweenaw Peninsula.

January 15-20:

- Open water except 4-6 tenths new and thin lake ice along parts of the shore. Consolidated thin lake ice in sheltered bays.

January 21-31:

- Open water except 7-8 tenths new and thin lake ice along the shore. Consolidated medium lake ice in sheltered bays.

February 1-7:

- Open water except 7-8 tenths thin and medium lake ice along the shore. 9-9+ tenths thin and medium lake ice in the western section. Consolidated medium lake ice in sheltered bays.

February 8-15:

- Open water except 9-9+ tenths thin and medium lake ice along the shore and in the western section. Consolidated medium lake ice in sheltered bays.

Whitefish Bay.

January 15-20:

- Open water except 4-6 tenths new and thin lake along parts of the shore. Consolidated thin lake ice in sheltered bays.

January 21-26:

- 1-3 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice along the shore. Consolidated medium lake ice in sheltered bays.

January 27-February 15:

- 9-9+ tenths thin and medium lake ice. Consolidated medium lake ice along parts of the shore.

From Whitefish Bay northwards to Michipicoten Bay.

January 15-26:

- Open water.

January 27-February 2

- Open water except 4-6 tenths new and thin lake ice along the shore south of Cape Gargantua.

February 3-9:

- Open water except 7-8 tenths thin and medium lake ice along the shore.

February 10-15:

- Open water except 9-9+ tenths thin and medium lake ice along the shore.

From Michipicoten Bay to the entrance to Nipigon Bay.

January 15-25:

- Open water.

January 26-31:

- Open water except 1-3 tenths new and thin lake ice from Marathon to Nipigon bay

February 1-15:

- Open water except 7-8 tenths new and thin lake ice from Marathon to Nipigon bay.

Elsewhere in Lake Superior.

January 15-February 15:

- Ice free to open water.

Lake Michigan

Average air temperatures for mid-December to mid-January were near normal for Lake Michigan. Air temperatures are forecast to be below normal for mid-January to mid-February.

Green Bay.

January 15-20:

- 9-9+ tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the southern section. Consolidated medium and thick lake ice in the extreme southern section and in the Bays de Noc.

January 21-31:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice in the southern section and in the Bays de Noc.

February 1-15:

- 9-9+ thin and medium lake ice except consolidated medium and thick lake ice in the southern section. Consolidated thick lake ice in the Bays de Noc.

Northeastern Lake Michigan.

January 15-20:

- Open water except 4-6 tenths new and thin lake ice along the shore. 7-8 tenths new and thin lake ice north and east of Beaver Island. 9-9+ tenths thin and medium lake ice near the Straits of Mackinac.

January 21-31:

- Open water except 4-6 tenths new and thin lake ice along the shore. 9-9+ tenths thin and medium lake ice north and east of Beaver Island and in the Straits of Mackinac. Consolidated medium lake ice along parts of the shore.

February 1-15:

- Open water except 4-6 tenths new than thin lake ice along the shore. 9-9+ tenths thin and medium lake ice north and east of Beaver Island and in the Straits of Mackinac. Consolidated medium lake ice along parts of the shore and parts of the Straits of Mackinac.

Elsewhere in Lake Michigan.

January 15-20:

- Open water except 4-6 tenths new and thin lake ice along parts of the southern and western shores.

January 21-28:

- Open water except 7-8 tenths new and thin lake ice along parts of the shore.

January 29-February 15:

- Open water except 7-8 tenths thin and medium lake ice along parts of the shore.
- Consolidated medium lake ice along parts of the shore

Lake Huron and Georgian Bay

Average air temperatures for mid-December to mid-January were near normal for Lake Huron and Georgian Bay. Air temperatures are forecast be below normal for mid-January to mid-February.

North Channel.

January 15-20:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the eastern and western section.

January 21-28:

- 7-8 tenths new and thin lake ice except consolidated medium lake ice in the eastern and western sections.

January 29-February 4:

- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice in the eastern and western sections.

February 5-15:

- Consolidated medium and thick lake ice.

St Mary's River.

January 15-28:

- Consolidated medium lake ice.

January 29-February 15:

- Consolidated thick lake ice.

South of Manitoulin Island westward to north-western Lake Huron.

January 15-20:

- Open water except 4-6 tenths new and thin lake ice along the shore.

January 21-February 15:

- Open water except 7-8 tenths new and thin lake ice along the shore.

North-western Lake Huron near the Straits of Mackinac.

January 15-20:

- Open water except 7-8 tenths new and thin lake ice along the shore and near the Strait of Mackinac. Consolidated medium lake ice in sheltered bays along the northern shore.

January 21-31:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the southern section and near the Straits of Mackinac. Consolidated medium lake ice along parts of the northern shore.

February 1-15:

- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in

the southern section and near the Straits of Mackinac. Consolidated medium and thick lake ice in the western section and near the Straits of Mackinac.

From north-western Lake Huron to Saginaw Bay.

January 15-20:

- Open water except 1-3 tenths new and thin lake ice along parts of the shore. 4-6 tenths new and thin lake ice near and south of Alpena.

January 21-26:

- Open water except 4-6 tenths new and thin lake ice. 7-8 tenths new and thin lake ice near and south of Alpena.

January 27-February 15:

- Open water except 7-8 tenths new and thin lake ice along the shore.

Saginaw Bay.

January 15-20:

- 7-8 tenths new and thin lake ice except consolidated thin lake ice along parts of the shores.

January 21-31:

- 7-8 tenths new and thin lake ice except consolidated thin and medium lake ice in the southwestern section.

February 1-15:

- 7-8 tenths new and thin lake ice except consolidated medium lake ice in the southwestern section.

The southern and eastern shore of Lake Huron.

January 15-20:

- Open water except 7-8 tenths new and thin lake ice along parts of the shore.

January 21-26:

- Open water except 9-9+ tenths new and thin lake ice along the shore.

January 27-February 4:

- Open water except 7-8 tenths new and thin lake ice in the southern section. 9-9+ tenths thin and medium lake ice along the shore.

February 5-15:

- Open water except 7-8 tenths thin and medium lake ice in the southern section. 9-9+ tenths thin and medium lake ice along the shore. Consolidated medium lake ice along parts of the eastern shore.

Georgian Bay.

January 15-20:

- Open water except 7-8 tenths new and thin lake ice near the northeastern shore. Consolidated medium lake ice along the northeastern shore.

January 21-31:

- Open water except 9-9+ tenths new and thin lake ice near the northeastern shore. Consolidated medium lake ice along the northeastern shore.

February 1-15:

- 4-6 tenths new and thin lake ice in the northern section except 9-9+ tenths thin and medium lake ice near the northeastern shore. Consolidated medium and thick lake ice along the northeastern shore.

Elsewhere in Lake Huron.

January 15-February 15:
- Open water to ice free

Lake Erie and Lake St. Clair

Average air temperatures for mid-December to mid-January were above normal for Lake Erie. Air temperatures are forecast to be near to below normal for mid-January to mid-February.

Lake St Clair and the Western Basin.

January 15-22:
- 9-9+ tenths new and thin lake ice except consolidated thin lake ice along parts of the shore.

January 23-31:
- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice along parts of the shore

February 1-15:
- 9-9+ tenths thin and medium lake ice except consolidated medium lake ice along the shore and in eastern Lake St. Clair.

The rest of Lake Erie.

January 15-20:
- Open water except 1-3 tenths new and thin lake ice in the western section and along the shore. 9-9+ tenths new and thin lake ice in Long Point Bay.

January 21-26:
- Open water except 7-8 tenths new and thin lake ice in the western section and along the shore. 9-9+ tenths new and thin lake ice in Long Point Bay.

January 27-February 5:
- 7-8 tenths new and thin lake ice except 9-9+ tenths thin and medium lake ice in the western section and along the shore.

February 5-15:
- 7-8 tenths thin and medium lake ice east of Long Point except 9-9+ tenths thin and medium lake ice in the western section and along the shore.

Lake Ontario

Average air temperatures for mid-December to mid-January were above normal for Lake Ontario. Air temperatures are forecast to be near to below normal for mid-January to mid-February.

Northeastern Lake Ontario.

January 15-23:
- Open water except 7-8 tenths new and thin lake ice along parts of the shore. Consolidated thin lake ice in sheltered bays.

January 24-31:
- Open water except 4-6 tenths new and thin lake ice in the northeastern section and 7-8 tenths new and thin lake ice along parts of the shore. Consolidated medium lake ice in sheltered bays.

February 1-7:
- Open water except 7-8 tenths new and thin lake ice in the northeastern section. Consolidated medium lake ice in sheltered bays.

February 8-15:

- Open water except 7-8 tenths thin and medium lake ice in the northeastern section. Consolidated medium lake ice in sheltered bays.

Bay of Quinte.

January 15-February 4:

- Consolidated medium lake ice.

February 5-15:

- Consolidated thick lake ice.

St Lawrence River.

January 15-23:

- 7-8 tenths new and thin lake ice.

January 24-31:

- 9-9+ tenths thin and medium lake ice.

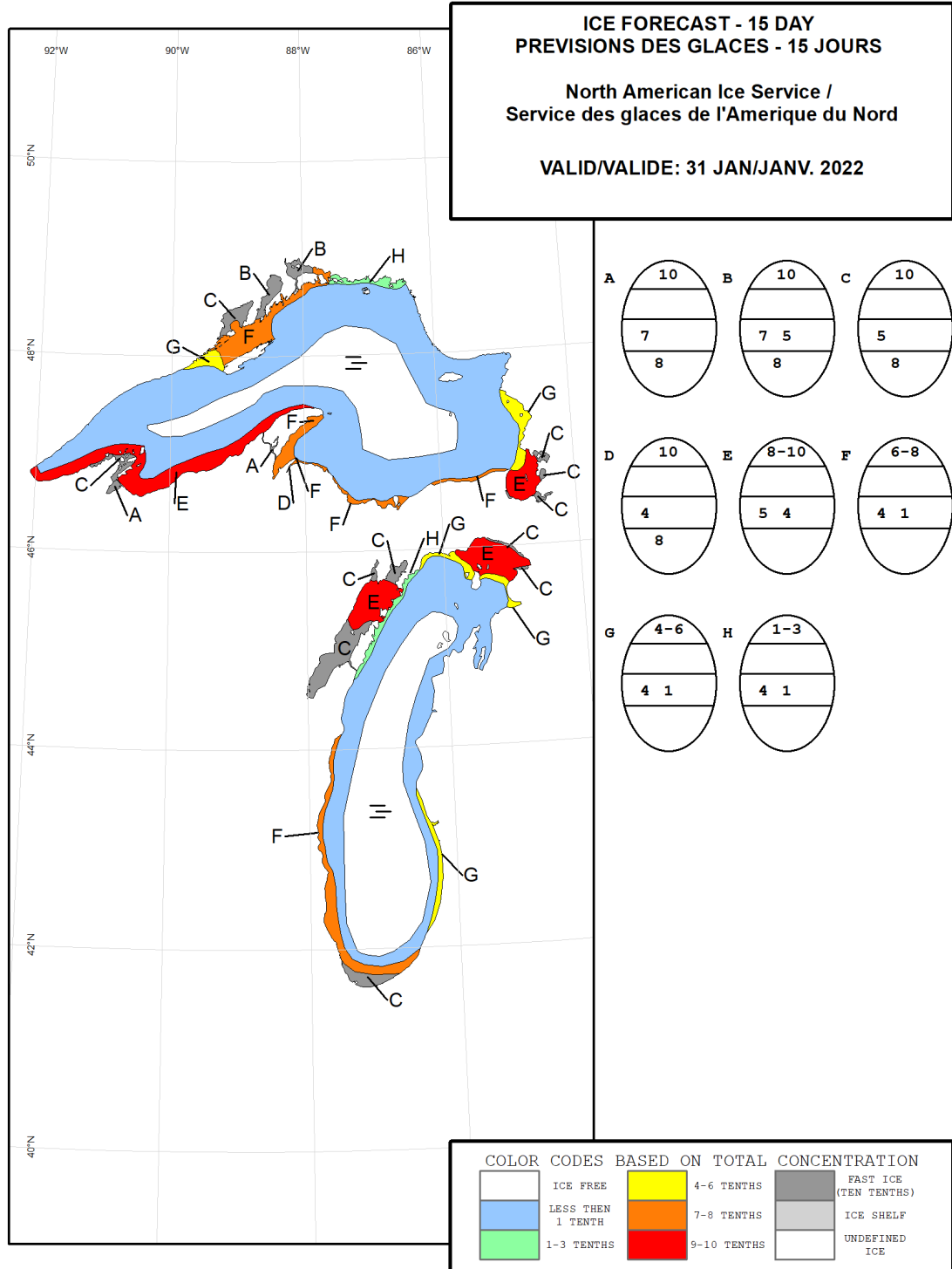
February 1-15:

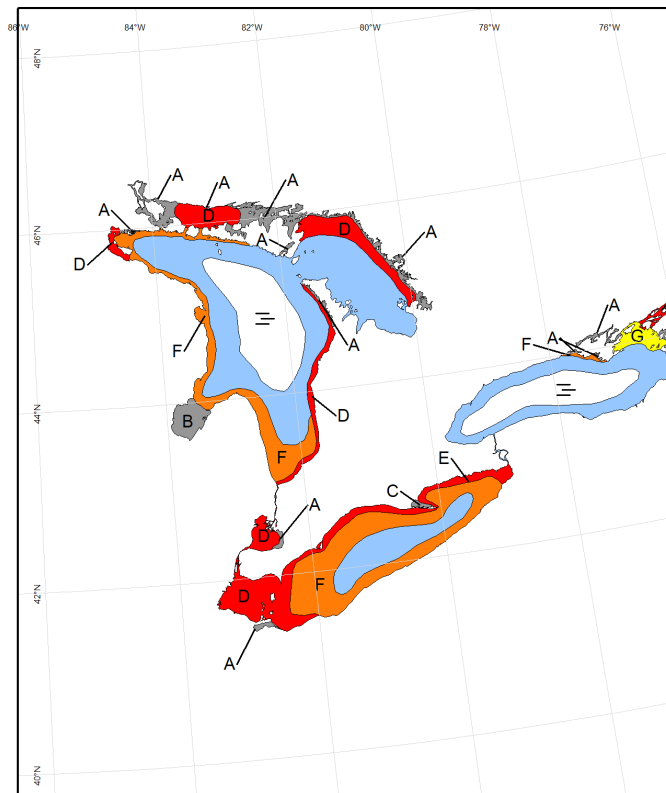
- Consolidated medium lake ice.

Elsewhere in Lake Ontario.

January 15-February 15:

- Open water except 7-8 tenths new and thin lake ice along parts of the shore.

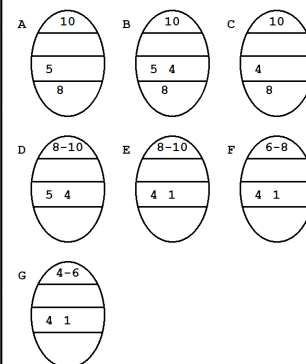













ICE FORECAST - 15 DAY PREVISIONS DES GLACES - 15 JOURS

North American Ice Service /
Service des glaces de l'Amérique du Nord

VALID/VALIDE: 31 JAN/JANV. 2022

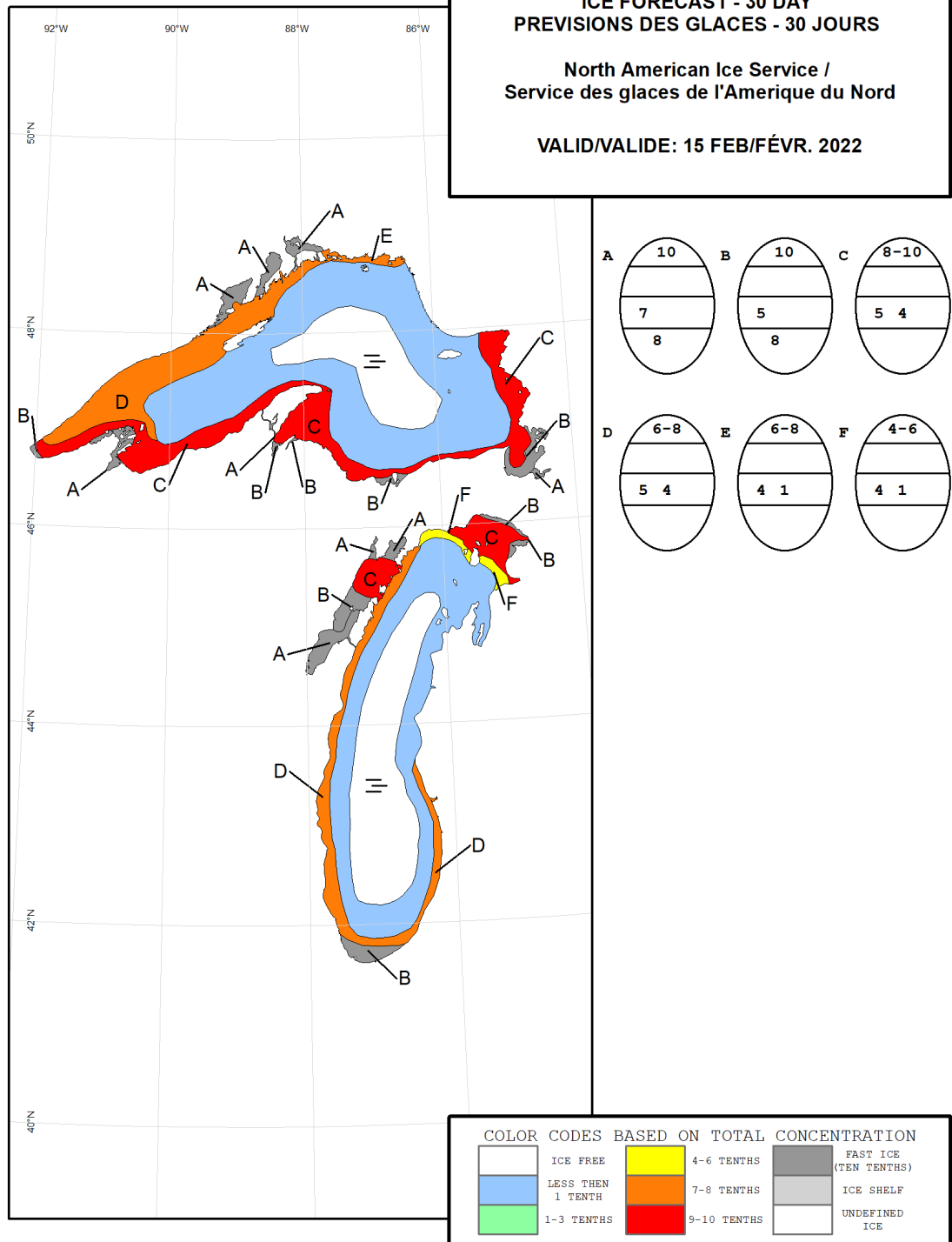


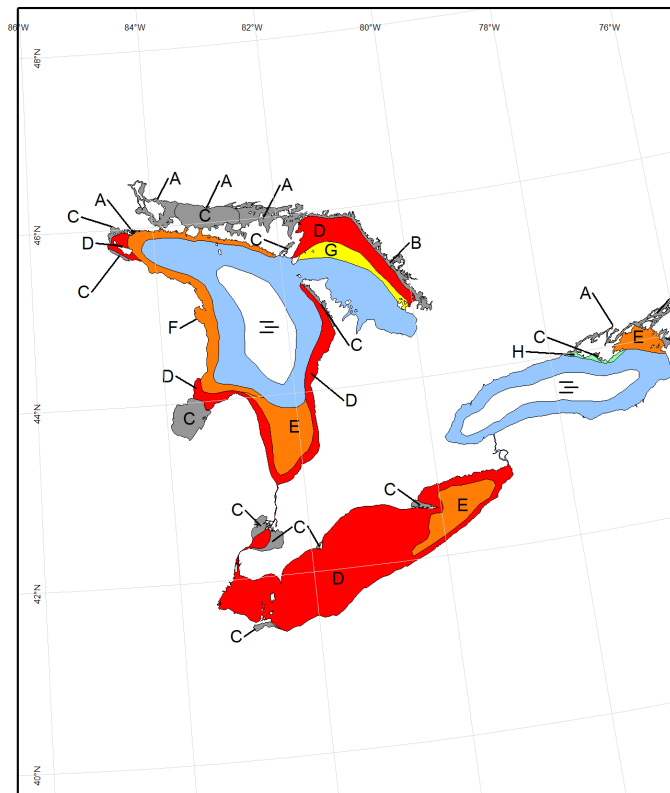
COLOR CODES BASED ON TOTAL CONCENTRATION					
	ICE FREE		4-6 TENTHS		FAST ICE (TEN TENTHS)
	LESS THEN 1 TENTH		7-8 TENTHS		ICE SHELF
	1-3 TENTHS		9-10 TENTHS		UNDEFINED ICE

**ICE FORECAST - 30 DAY
PREVISIONS DES GLACES - 30 JOURS**

**North American Ice Service /
Service des glaces de l'Amerique du Nord**

VALID/VALIDE: 15 FEB/FÉVR. 2022

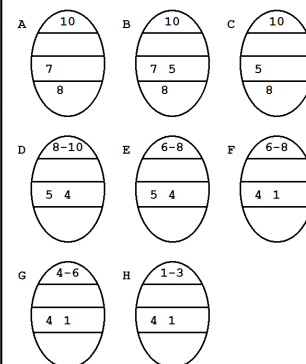




ICE FORECAST - 30 DAY PREVISIONS DES GLACES - 30 JOURS

North American Ice Service /
Service des glaces de l'Amérique du Nord

VALID/VALIDE: 15 FEB/FÉVR. 2022



COLOR CODES BASED ON TOTAL CONCENTRATION

ICE FREE	4-6 TENTHS	FAST ICE (TEN TENTHS)
LESS THEN 1 TENTH	7-8 TENTHS	ICE SHELF
1-3 TENTHS	9-10 TENTHS	UNDEFINED ICE